



P8-6424(67)

TOIKE OIKE, TOIKE OIKE, OLLUM TE CHOLLUM TE CHAY
SCHOOL OF SCIENCE, SCHOOL OF SCIENCE, HURRAY, HURRAY, HURRAY

SKULE NITE: WITH T.C.P.



"Last year's chorus line (above) was great. This year's will be the greatest."

JOE CLUB

There is a 4 year old institution around these hallowed halls which should be made known to all loyal and true followers and leaders of the Blue and Gold. This institution known as the Joe Club, has received very scanty publication during the past three years.

The Joe Club is the brain child of the late lamented Al Heisey, who departed in 1951, summa cum B.A. Sc. Al, at that time Director of Publicity and Publications, felt that the long, hard and diligent work of many of the unsung heroes of Skule Nite, the float parade and so on deserved more recognition. He therefore proposed the formation of the Joe Club.

Any member of the Engineering Society who does not sit on the Executive Committee and who has been active in extra-curricular activities of the Society is eligible. Heisey originally suggested that a minimum of 35 hours work should be the criterion for nomination to the Club, and this rule is still generally followed. Athletic participation is not considered since the Athletic Association have their own awards. Work for the clubs is considered in part, but the man who has also been in Skule Nite or decorated for the At-Home would get the nod first. Work in All-

Varsity functions may also be considered if it is coupled with work for the Engineering Society.

Membership in the Joe Club, according to the membership certificate, entitles the holder to "all rights and privileges attached". Note the fine Engineering spelling—the club was formed before the advent of Remedial English. The "rights and privileges" include the right to hang the certificate up in a dusty old corner and forget about it, and the privilege of being joed into any more work that might come along. Each certificate is signed by the Chief Joe—the President of the Engineering Society, and is marked with the Society seal.

Here is the list of members appointed last year: Scott Bainbridge, Norman Kitchen, Milton Capes, Dave Doney, Barrie Jackson, Bryon Hutchins, Ronald Kerr, Jim Montgomery, Ken Vacing, Bill Vance, Herb Cunningham, John Stewart, Jack Mollenhauer, D. Parsonage, Robert Ratz, Bob Lanford, J. Ratray, D. Whitewood, D. Fraser, I. Finnan, Joan Elliot, John Becker, George Shipley, Dick Thomson, George Harrop, Bruce Raymond, Al Waldon, Jim Evans, Ron Ham, Neil Irwin, Woody Friedlander, John V. Turnbull, Greg Flint, Donald Hutcheson, Tom Byrnes, Jim Vassoff, Bob Hill, Amy Forman.

Your Engineering Society Reports

The fourth meeting of the University of Toronto Engineering Society was held in the Engineering Building on Tuesday, September 28, 1954.

Two appointments were made. Jim Button was named as temporary Secretary of the Engineering Society, and Ken Vacing was named to the position of business manager of Toike-Oike.

A vote was taken on the question of NFCUS, and as a result the Engineering Society went on record as being against Varsity's membership in NFCUS.

Elections for the following positions will be held on October 15. Secretary, Eng. Society. Vice Pres., Athletic Society. First Year President. Second Year President. 578 Representative.

Plans for Skule-Nite are already underway, and everyone is urgently requested to turn out and help make this year's show a good one.

The School Dinner will be held about the first of November. Arrangements are now being made for a guest speaker.

A dance, "The Cannon Capers", will be held in Hart House on Nov. 26.

The float parade will be held on Oct. 30 this year. A committee has been organized to look after this year's entry. Anyone wishing to help can obtain information in the stores.

Graduating class pictures are being taken by the John Palmer Studio, 97A Bloor Street West, at the corner of Bloor and St. Thomas Streets—one block West of Bay Street. The sitting fee is \$4.00 payable at the time the pictures are taken.

NO SLIDE RULE LECTURE

The proposed slide rule lecture has been called off as a result of the demonstration after the Hart House Tour on Sept. 23th.

It is suggested that students consult their appropriate Departmental authority on slide rule types recommended for purchase.

Skule Nite, that Truly Crazy Production is coming! In six weeks, this wacky stage show will appear on Hart House stage. Between now and then, the Skule Nite staff will need help. A production of the size of Skule Nite requires the help of countless people to make it a reality. There is a place for YOU in the show. Here is your chance to meet other Skulemen and have a part in this undertaking.

Above all, the show will have Terrific Comedy plus lots of music. There are still parts open for actors, experienced or inexperienced, who want to play before the footlights. Tragic and Comic Parts are all involved in the show so no matter what your line, we can fit you in.

Singers are also needed badly; we have room for soloists, quartets, etc., and we always want Those Chorus People. The desire to sing is the main requisite. You do not need to rival Johnnie Ray to sing in Skule Nite.

If you play trumpet, clarinet or piano, tympani, cornet or potato, (as in musical sweet potato), or any other musical instrument reasonably well, remember there is an orchestra for Skule Nite. For those who write music, here is a chance to dethrone Rodgers and Hammerstein. Almost any music is acceptable. People who can write music and/or lyrics are in great demand for Skule Nite.

The management has gone to great expense to obtain the services of Toronto's Champion Painter of Sets. However, we still need technicians, carpenters and painters to lend a hand in creating the strictly sensational sets. Last year's scenery was truly great; this year's will outshine last year's. Here is the place for everyone to help out. Again, no experience is required. Last year's inexperienced help is this year's experienced help. Enthusiasm is the prime requisite.

Application forms covering all the above departments are available through the Stores. Fill one in now before it is too late since work starts this week.

Now is your chance; join Skule Nite with TCP — that Tremendous Campus Production with 3-D: dames, dolls and dishes, in glorious Technicolour on a giant wide screen stage.

Statement from the Engineering Society Executive Re: Freshmen Demonstration on Sept. 23rd, 1954.

A report of the investigating committee of the Engineering Society was handed to the Faculty on Friday, Oct. 1st, 1954. Since this report was strictly confidential, nothing can be said at this time by the Executive of the Society. Ways and means of preventing another such disastrous occurrence will be discussed in the next issue of "Toike Oike".

At present, we can only ask all Schoolmen to refrain from partaking in any rowdy conduct which would cast a further bad name on our Faculty.

DEBATE!!

Once again the time has rolled around for Engineers to take part in Debating. All Skulemen belonging by right of their membership in the Engineering Society to the Engineering Debates Club.

The purpose of this Club is to give Engineers opportunities to become proficient in public speaking.

Morley Marks IV-Chemical, Chairman of the Club has announced that the first all-engineering debate will be held the second week in October on an Engineering subject — "There is no question of subject matter" added Marks "Sex is the only course common to all branches and applications of Engineering."

This year the Club has become an active member of the University of Toronto Debating Union.

Skulemen interested in inter-faculty debates will have opportunities to engage with honest engineering methods the Co-eds from Loretta and St. Joseph's.

These interfaculty debates are scheduled to start in November and finish around the end of February.

Anyone interested in winning an initiated silver Beer Mug (cap. 12 fluid oz.) may enter the Sedgewood Trophy competition which will be held next February.

Two mugs are presented to the master debaters at Skule. Watch future issues of Toike Oike for news of this competition.

So leave your Name, Course and Telephone Number on the Debates Club list outside the Engineering Stores, for some good clean Skule fun.

To the Freshmen of this Faculty:—

On Thursday afternoon, September 23rd, 1954, on a tour of the campus, you rioted in a most uncalculated manner. Not only was considerable damage done in the various colleges visited, but a professor in University College was injured.

You are perhaps under the misapprehension that this conduct is to be expected from engineers. This could not be more false. As a university student you are supposed to be a mature citizen of this community in which we all live. As an engineering student you are studying to attain a professional degree which will give you a professional status in later life comparable to that of a doctor or lawyer. You will well understand that the actions committed and publicity resulting from Thursday's riot can only bring harm

to the university and to you as an engineer.

For the future we hope that you will conduct yourselves with the bearing and dignity to be expected from a mature person. We will be able to have our fun throughout the year and to thoroughly enjoy ourselves so long as it is confined to sensible activities.

If we can do nothing more but recollect the shame this incident has brought upon this university and faculty perhaps we all will become better citizens and more worthy to bear the title of the profession of engineering.

J. N. ROSSALL,
President,
Engineering Society.
W. G. DEEKS,
First Vice-President,
Engineering Society.

TOIKE OIKE

Devoted to the interests of the undergraduates of the Faculty of Applied Science

Published every now and then by the Engineering Society of the University of Toronto

Opinions expressed are not necessarily those of the Engineering Society or its officers.

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Humour
Features

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Bill Vance
Herb Cunningham, Richard Taylor, Ken McDermid,
Freddy Haywood, Morley Marks, W. Suboch, L. Smith

Reasons and Rectifications

The lamentable incidents of the 23th have left many people greatly agitated in their desire to punish and exhort but few who are concerned about the possible causes for such behaviour. Perhaps there are some reasons for such a display and some concrete action which could be taken to ensure such a thing never blots this faculty or campus again.

The basic reason—a prevalent mannerlessness—has no immediate solution on this campus at this time. But other factors, particular to the Engineering Faculty, played important roles and may be more easily rectified. The two that came to this writer's mind were a perverted form of School Spirit and the size of the organized gathering.

School Spirit has been and we suspect always will be a very important thing in this Faculty. It has to be. The size of the Engineering body demands that some sort of glue hold us together and this is Spirit's function. But for years now this Spirit has been more and more perverted until true Spirit is submerged by a noisy tradition of hell-raising and physical demonstrations. The true basis for School Spirit—a pride in being a Professional Engineer—has been replaced by a pride in being a little noisier, a little "sharper", a little less cultured than any other group on the Campus.

Any healthy Spirit stems from and finds its expression in constructive work of some type. Primarily the activity should be constructive for the doer—something which will make him either a better person professionally or citizenwise. There is little evidence of this type of spirit around SPS. An election in which there were only 22% of the seats contested and an acclaimed President does not speak well for School Spirit.

As a result of this behaviour the Engineer is receiving the reputation of a dull, brawny, sub-normal who delights in leaping from goal posts, publishing a sheet of the weakest type of humour and who can't operate a Course Club without running a hundred dollars in the red.

This sort of activity has been characteristic and has been taught to each freshman class as they entered SPS. There is no doubt that the group involved on the 23th was well primed by newspaper reports of former years, stories from older brothers and the talk of senior classmen. The perverted Spirit culminated in exhibitions like these and will continue until freshmen are set a different example by 2nd, 3rd and 4th year men.

A possible solution to both of these problems is a change of accent from the all-Engineering Spirit to a Course Spirit. An elimination of the All-Faculty function in School Chariot Race, School Auction, Engineering and Society Tours, All-Engineering welcoming speeches, etc., and a substitution of Course functions and Course organized tours and welcoming ceremonies. As it is now the large bulk of Engineering undergrads identify themselves with no smaller group than the Faculty of Applied Science and Engineering.

Now, we ask you, how can a fellow feel any beneficial influence from a group 1600 strong? How can a Freshman feel the alleged maturing influence of seniors in such a group? How can an undergrad work up any constructive enthusiasm for a group so large and awkward?

The only solution seems to be to break the Faculty up into smaller units—Course units—and concentrate on working up a healthy Spirit in these smaller groups. The undergrad may be more easily reached in a smaller group and persuaded to participate. The result will be a pride in your course, an elimination of unwieldy mobs, and a curbing of this perverted spirit by the fostering of a healthy one.

Let the Clubs take over the Tours, the organization of open meetings, freshman welcoming, fund raising campaigns, and float construction. Let us eliminate these farcical Engineering Society elections which have been turned into a hurlusque and have the officials elected by the Club executives from the Club executives. Let the Engineering Society be responsible only for the Stores, coordination and external affairs.

This, it seems to us, would convert some of this wonderful Engineering energy into something really constructive. We put it to the Engineering Society.

J. B.

THE ARBOR ROOM

Engineers Unite: Fight the infractions on male humanity! Go on strike! Set up picket lines around the wash-room! Stamp out and crush that hydra, that vulture, that scorpion—the Arbor Room that threatens to drive the average shy, mild-spoken engineers to insanity. The thought of mixing women freely with innocent and unsuspecting engineers in one room—it—Bah!

We engineers for years have contested that Saturday night is a very good time to memorize the Log-Tables. Our love is reserved only for the Professors of SKULE! (YAH SKULE!)¹

However the case, all engineers being broad-minded, VERY broad-minded, are willing to allow a few girls in the Arbor-room for the sake of the other emotionally unstable colleges.

This is our ultimatum! This is how the A.R. must be run (that is run) or our cook is goosed:

Ample but not excessive times must be allotted to the girls to come and drink one (1) cup of coffee at a marked-up price (say between 6 and 6:15 a.m.)

A section shall be marked off for the co-eds by an opaque curtain.

The girls will be allowed to talk to the boys for any reasonable length of time (20 seconds) on specified subjects such as "March deep-sea diving on Yonge St." or "Fossil characteristics of the tropic of Cancer."

Costume (big word) for the girls will be especially informal and pleasing to all konsensd.

It consists of a black one piece toga (excuse the nasty Arts word) covering all portions of the body not designated by: ears, eyes, nose, hands and feet. Shoes are optional, faint strains of Cresgee's Cologne possible and lip-stick frowned upon.

In this way, the engineers (YAH SKULE!)² will be allowed to work on unmolested, in their congenial homogeneous atmosphere, awaiting with glowing hearts the final examinations.

CLUBS!!

ENG. PHYS. CLUB

The executive at present consists of Chairman—L. B. Smith, 4th year co-reps.—N. B. McLeod and W. W. Howard, 3rd year—D. J. McLean and J. Rezek, 2nd year—K. G. Balmain and R. G. Ross. 1st year—undecided. The first executive meeting will be held Tuesday, Oct. 12 at 5 p.m. in the Stores. Arrangements for the IV year field trip to N.R.C. in Ottawa are almost complete so the executive meeting will be solely concerned with club's activities for the year. Year reps. bring along your ideas for a good year.

CHEM CLUB

All Chemical Engineering undergraduates are called upon to support the programme of the Industrial Chemical Club. Besides planning to set up a close liaison between the Engineering Society Executive Committee and the men in Course 6, a series of weekly noon-hour meetings are planned.

On Tuesday, Oct. 5, in W-1035 the first meeting begins with a Shell oil film: "Building of the Stanlow Refinery." The following Tuesday, Oct. 12, the noted provincial chemist L. J. Rogers recalls his experience in scientific criminology. During the week of Oct. 18 no noon-hour meeting will be held since fourth year Chemical Engineering will be away on a field trip. Note that on Oct. 26 (not Oct. 19 as on the advance notice) genial Prof. W. G. MacElwhinney speaks on his hobby light aircraft. Well-known Prof. Ross Lord on Nov. 2 informs us on the hydraulic models in the Mechanical Engineering Department. Short reports on club activities will also be given each week.

Besides the two annual dinner meetings, hopeful plans are being made for a skite night and a dance. With the support of every undergraduate in Chemical Engineering the Industrial Chemical Club looks forward to a promising year.

HART HOUSE NEWS

It is the intention of the Editors to present a column each edition containing the new worthy decisions of the Major Committees of Hart House and on occasion to mention proposed activities of the other clubs and organizations in the House. The column should prove very useful to undergrad members of the House who perhaps would like to serve on a Committee but don't know much about the activities and functions of these groups.

HOUSE COMMITTEE

At a meeting held in the Warden's Office on September 21st the members of the Committee were introduced to their new Chairman, Professor Ham of the Electrical Engineering Department. Prof. Ham was on the Committee last year as a Faculty Representative and took over the Chairmanship from Mr. Mallon this year.

The major item of business was the All-Varsity Fall Dance which is going to be held on October 15th. Entertainment at the Dance is hoped to be supplied by the winning quartet of last year's Quartet Contest, The School House Four. This group of four Engineering students walked away with all the prizes at the contest and should be excellent entertainment at the All-Varsity Fall Dance.

The Warden brought the Committee up to date on the Arbor Room which is old stuff to most School men by now. This delightful room should prove to be a boon to we South-enders who have felt a need for a place to carry on Coed activities.

Of interest also to School men is the mixed dining in the Great Hall at noon Saturday before each and every home game. Many men in residence will welcome the opportunity to take their girls to dinner in attractive but inexpensive circumstances in the Great Hall at Hart House.

DEBATES COMMITTEE

The resolution for the debate on October 13th will be "Resolved that in the opinion of this House Ontario has enjoyed good government in the past five years". The committee was informed that Mr. MacDonald, On-

tario President of the CCF Party had accepted their invitation to be a guest speaker on the resolution.

The committee also received the news that Dr. Swanson of St. Pauls Anglican Church had accepted their invitation to speak on the resolution "Resolved that this house approves of religious illiteracy" on November the 2nd.

It was proposed that West Point Military Academy be approached to see if they would be willing to send a debating team to Toronto to compete against Hart House debaters. Some resolutions suggested for the debate were "Resolved that this House condemns compulsory military service", "Resolved that the H bomb is our best assurance of peace" or "Resolved that the United States should adopt free trade."

The committee decided that on December the 6th that a humorous debate should be held. Hart House is famous for its humorous debates so regardless of the resolution it should be well worth attending.

ART COMMITTEE

Some clever member of the Art Committee came up with the suggestion that each week a picture be hung in the new Arbor Room with a small pamphlet prepared explaining the artist's work and life. This week's painting is Tom Thomson's "The Pointers" and in a box just beside it is a number of pamphlets giving the details of the artist's life and work. The painting is hung on the south wall of the room in the west alcove.

GLEE CLUB COMMITTEE

The Glee Club is planning a weekend at Caledon on October 16th. All the singers are looking forward to the genuine Finish steam bath built at the farm by a group of Finish students this summer.

The Inter-University Concert will be on November the 27th and should be one of the high points in this years strenuous musical schedule. The other choirs invited are Buffalo State Teachers Choir and St. Georges Cathedral Choir of Kingston.



★

ELM GRILL

7171 COLLEGE ST.

Chest X-Rays

Free chest X-rays are compulsory for the following students:

- (1) All new students
- (2) All first year students
- (3) Students who do not reside in Canada.

Appointments may be made through your class president. These appointments are from the thirtieth of October to the twenty-second, appointments will not be necessary.

All appointments will be at the Falconer Hall Couch House, at the rear of 84 Queens Park.

THESIS TYPED

Miss A. A. Gaskin

Public Stenographer

Typing Manuscripts and Thesis-Specialty

72 Grenville St. - WA. 1-3990 (Near Women's College Hospital)

MILITARY ENGINEERING

The Toike-Oike during the next few issues will carry a series of articles concerning the training which may be obtained by an undergraduate engineer if he joins either the Navy, the Army or the Air Force for the summer months. The articles are mainly for the freshman engineer who may be thinking about enrolling in one of these Reserve Units but the sophomore, junior and the senior will find them interesting and informative. The variety of experience offered by the services is something that industry cannot approach. The courses which are not usually very difficult are extremely interesting and informative. The Faculty has made arrangements so that most courses can get their practical experience necessary for a degree while in the services. If any readers are interested in further information all the Resident Staff Officers have offices at 119 St. George Street (Drill Hall, front door).

NAVY

What does the UNTD organization offer for the Engineers? This is a question that many freshman Engineer have asked themselves. In the following article I will try to outline just exactly what you will do as an engineering cadet in the UNTD, what sort of training you will get and the benefits you will receive.

Having visited 119 St. George St. and been accepted as a cadet you will be given a thorough medical examination and a complete "kit" and upon passing a selection board held in January you are on your way to obtaining your commission. You will be attending parades every Tuesday night at HMCS York where an interesting training scheme has been organized for you. Lectures will be given to you on the fundamental organization of the Navy and on seamanship.

During the summer you will be sent to the east coast for training at HMCS Stadacona for a minimum training period of 14 weeks. The 14 weeks will be spent taking courses on navigation, communications and seamanship. Some-time during your training period you will be sent to sea on a minesweeper, frigate or destroyer for a cruise lasting from 3 to 5 weeks. The cruises may take you anywhere along the east coast from Labrador to Bermuda. At sea you will have lectures and

have a chance to see all the armament and complicated machinery that is necessary to run a fighting ship, and make her useful in times of national emergency.

During your second winters training you will be given technical training in one of the many branches of the navy which coincides with the specific branch of engineering that you are studying at college. The branches open to you as an engineer are the executive, electrical, ordnance, constructor, engineering, and air engineering branches as well as pilot or observer in the Naval Air Branch. For your second summer training you will be sent either to the east or west coast, depending on your branch to continue your technical training in order to qualify you for a commission in your branch.

If you are studying electrical engineering or engineering physics you will probably be put in the electrical branch. Your training in this branch will consist of courses on gyros, generators, motors, and motor alternators, high power and low power equipment, switchboard operation, and general maintenance of motors and generators. In the electronic section you test and replace tubes or valves, resistors and capacitors, thus working with and becoming familiar with radio transmitters and receivers, radar sets and radio altimeters and all the electronics equipment used in aircraft and on board ship.

For those in chemical engineering there is the ordnance branch. On the west coast extensive courses are given on explosives and propellants; small arms, such as pistols, stern guns, rifles, and bren guns; big guns such as orlikons, 20 and 40 mm guns, heavy 3.5, 4 and 4.7 inch guns; as well as lectures on the control of the guns. To control and fire the guns requires directors, computers and radar, all of which are studied by the ordnance men. After sufficient knowledge is obtained from these courses you are sent to sea on an 8 week cruise in a destroyer or cruiser which might take you anywhere on the west coast from Juneau to San Diego to put into use in a practical sense the knowledge acquired from your course ashore.

Mechanical engineering and Course 11, Engineering and Business have the choice of either the engineering steam branch or the air engineering branch.

The Naval Air Branch is stationed on the east coast at HMCS Shearwater, the Naval Air Station. At the air station the navy have Harvards, Expeditors, three types of Helicopter, Avengers, an anti-submarine aircraft, and Sea Furies, the fastest propeller driven fighter in the world, all of which are studied. Courses are given on theory of flight, aircraft construction, airframes, engines, and hangar installations to mention only a few. Opportunity is given for flying maneuvers in any or all of the navy aircraft. After finishing the courses the engineer will find himself working in one of the hangars doing maintenance work as well as testing, care and handling procedures, and generally becoming familiar with aircraft. This is a new branch for the cadets and several of the Engineering and Business students have found their work in this branch interesting as well as fascinating.

In the steam engineering branch all aspects of the propulsion and control of the ship are studied. You will get courses on boilers, turbines, reciprocating engines, valves and gauges, ventilation, cooling and lubricating systems, generators, condensers, evaporators, refrigeration, to mention only a few. There is a large amount of time spent doing practical work in this branch. You are sent down into engine rooms on the various ships where you work under operating conditions. A large amount of time is spent studying and operating the vast amount of equipment in the engine room, the very heart of the ship.

The administrative part of the navy is done by the executive branch. There is a place in this branch for the engineer if he desires to learn administration and would like training for executives. The captain of ships and shore establishments, navigators, gunnery officers, communication officers, TAS (torpedo and anti-submarine) officers are all in the executive branch. Engineers in this branch take courses in Navigation, communication and war tactics. From this training you can gain valuable experience in organization, personnel work, coordinating men to a common aim, and general executive responsibilities.

In addition, for all the branches experience at working in shops is given. You may be taught to do

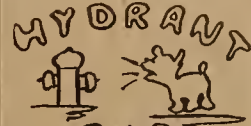
"ENGINE ROOM"



"A UNTD cadet on duty aboard ship"

welding, brick laying, machine operating, and tool work. Experience is obtained in working with men and a good opportunity to express yourself is provided for you may at any time find that you are required to give a lecture on the work you have been instructed on. Thus you can see that in the Navy there is a real place for the engineer. You will be able to obtain the practical experience required for your course in three years in all branches mentioned except the executive branch. With an additional winter's training you qualify yourself for a commission in Canada's Navy when you obtain your engineering degree. You have also had a chance to travel with the Navy, to meet and work with people from all walks of life and to gain valuable experience that you can get in no other way.

"TYPES"



by VANCE

"Trial by water"

Hell's Bells!

I snarled to myself as I stumbled over an old pile of bricks and ripped out an obscenity as I banged two of my shins against an old drafting board. They sure didn't keep the cellar of the Mech. Building too well lit these days. Oh, well, I must have taken a wrong turn somewhere behind the Water Flow lab, but I wasn't worried. Suddenly I caught the faint glow of an unshaded light bulb in the depths beyond. Ah, civilization! I trod forward with renewed vigor and courage. Too damn much courage! I trod on air where a manhole cover rightly rested and landed with a splash in filthy water just over my head.

"Help!" I screamed and disturbed three bats.

"Get me out of here!" Running feet sounded. I would be saved, I thought, but no! There was a current here, and I was drifting underground. Anxious faces peered in at me, out of arm's length. Incredulous voices sounded. I fought to keep afloat as I surged with the stream. Ugh, what a load of crap. Ah, another open manhole ahead, and faces peering in at me. I waded to them frantically. They waved back.

"Glubber blub," I gurgled as I went by underneath them.

"Good luck," they shouted. Something plashed in the water beside me. I struggled over to it. It was a box of bablum with a tin of corn syrup tied on the side. What the hell did they think this was! Maybe they thought I was enjoying this, or something. Well, I'd show them! I ripped

open the poblum and washed it down with corn syrup. I'd beat this rap yet.

A large object bumped by me and I reached out and grappled it. A dull-looking mud turtle regarded me quizzically, but not unfriendly-like so I hoisted myself on his back and made myself comfortable.

Three more openings drifted by, crowded with faces filled with awe and admiration. I sneered at them and went to sleep on my friend's back, with whom I was now sharing my bablum and syrup. Boy, did he (or she) love that syrup!

At last I bumped into full daylight, and I recognized the depths of Hart House. But the people there! Cheering throngs everywhere! Kid Myth and Dean McTavish themselves hoisted me out, with tears in their eyes. I was dumbfounded.

"Congratulations my, er lad", burred the Pres. You're the first person to swim the sewers from the Mech. Building to Hart House. And in only 18 hours! Good dog!"

Now I understood. "But," I exclaimed, to no avail. I was assisted into the daylight where gifts were showered upon me. 7500 sheets of essay paper, 4 drops of ink, 3 first lab sheets, honorary P.T. credits and 37c in cash were mine. I was acclaimed everywhere. I was carried downtown protesting all the way, where I was given a ticker tape parade up Jarvis Street and received at the City Hall by the Mayor. 151,000 people jammed City Hall Square to hear me praised. At last my turn came to speak. An expectant hush fell upon the multitude.

"Well, gee, fellows," I mumbled, "you're making a big fuss out of nothing."

The Mayor's face paled.

"But . . . but you did swim the sewers . . .?"

"Oh, I suppose so," I admitted, "but I didn't mean to."

"You . . . oh, no! You mean it was a mistake?"

"Damn right," I yapped, "I was just trying to find the men's washroom, that's all."

What's He So Pleased About?



Why, he's been accepted by the RCAF for that well-paid summer programme. Three years summer employment with the RCAF University of Toronto Squadron is available for first-year Engineering students.

ACT NOW

Apply at the . . .

RCAF ORDERLY ROOM,
119 ST. GEORGE STREET,
OR PHONE WA. 4-2401.

Freshman Writes

Dear Bob,

Here it is the second week of school and I haven't been to a lecture. Some of the boys left and went to one last week and came back to the table looking mighty seedy. They said it weren't worth the effort 'cause most guys were there and we weren't missed anyhow. We have labs tho', where you got to go cause you get kicked out if you don't. In problems I'm getting along real good. I got 10 out of 10. We cheat like hell, but we got a good system. We switch papers with the guy who gets the best marks and we buy him all the beer he can drink every Thursday.

This town of T.O. (all the boys call it T.O.) is the greatest. Last Wed. nite about 10 breads come up to me and my buddies as we was walking along St. George St. and ask us where the "Row, Row, Sigh" house was; cause they wanted to get initiated. As we had never heard of such a place and not wanting to disappoint these young lovelies we said that we were members of the organization and would initiate them as far as they'd let us. They put on their blindfolds and said they were ready. My buddies went ape at this remark and we led the girls away to a quieter spot. (The broad I was with was lovely), she was like the lecture room T-102 in the Mechanical Bldg.—just hot and stuffy, yut man did she know the score.

I don't know how the other guys made out but my roommate came in an hour after me, staggering and mumbling.

Last Friday we went to the artsmen's dance at Vic and man was it crowded. Because I was an Engineer at an artsmen's function I felt a bit perturbed. I met a girl from Buffalo at this dance and tried to get a date with her. She said that she isn't in Canada very often, but if I wanted a date, she would come across next week.

That is all for now.
Your brother,
Yodar (Junior)

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FOOTBALL

For two weeks now, the stalwart footballers from S.P.S. have been working out on the back campus. Some 80 in number, they have been practising under the watchful eyes of manager Ken Wheland, third chemical, and coach Emil Urhynuk who is in his third year of Physical and Health Education. Emil is ably assisted by John Shortt, second Eng. Bus. on the line, Cal Weaver, third chemical, coaching the ends, and possibly Pete Maik, from last year's Blues in the back-field.

There are 20 men from last year's champions back with the team, while two have gone on to play for Varsity's Intercollegiate teams. Some of the hold-overs from last year's team are John Shortt and Chuck Meyer at guard, Jim Park and Cal Weaver in the end positions, and Marv Larsen is back in the quarter-back slot. There are also, among the new-comers to the team, at least five other men trying out for the quarter-back positions and many excellent ball-players out for the back-field. The line, although appearing somewhat on the light side, is fast and packed with plenty of power and drive.

So far the emphasis in practices has been on conditioning and basic instructions such as tacking, blocking and pass-receiving. Uniforms were issued last Wednesday and Thursday by manager Ken Wheland and his assistant Lloyd LeGrow and the first heavy practice held on Friday. On Thursday coach Urhynuk held a short chalk-talk and handed out a few basic plays.

This year, in order to enable more Skulemen to play, the faculty is sponsoring two teams, one in the senior loop and one in the junior. With 20 of last year's team back there are only about 10 or 12 vacancies on the senior team, these will be filled by the best of the new-comers, with the rest going to the juniors. With one team in each section, we hope to have an all-Skule play-off this year.

As yet the schedule has not been drawn up and we do not know when the first game will be, but this date, and our opponent will be announced, along with the rest of the schedule, on the athletic bulletin-board across the hall from the Stores. Watch for it! The seniors will play 6 games;

GOAL POSTS GUARDING

I have been approached by the Stadium co-ordinator to ask for assistance in preserving the goal posts. They are constructed this year of tubular steel posts, imbedded in concrete. If they are swayed in a manner similar to the way the wooden ones were treated in previous years, they will not snap but will shatter, and harm would certainly come to those in the immediate area. The same applies to the practice of diving from the cross bar.

I ask all Skulemen to refrain from tampering with the goal-posts, for enough harm and trouble has arisen out of the Freshmen Tour. Let us have no more!!

I ask all Skulemen to refrain
J. N. ROSSALL,
President.

the other members of the league being Meds I. Vic, and U.C. The juniors will play 3 or 4 games and the rest of their league consists of St. Mikes, Forestry, Trinity and possibly Meds II.

These grid-iron Engineers have been showing up at practices regularly. They are really serious and are sparing nothing in their attempt to keep the Mulock Cup here at S.P.S. where it belongs.

OPPORTUNITIES

Do you wake up in the morning to the music of a clock-radio? Do you ever ride to school on the sub-way or in a car? Did penicillin ever help you of a disease? Did you ever stop to think that these conveniences were all brought in to being by engineers and scientists. Scientists, then, are very important men in today's world. In the words of an official of the Labour Department "Engineering is among the nation's fastest growing fields of work."

What are these opportunities? Biologists are needed to work in research for more and better drugs to cure some of our dreaded diseases. Physicists are in great demand for work on the harnessing of atomic energy for use in the home for lighting and heating, to investigate the possibility of space travel and so on. The field is limitless. Chemists are needed to answer such questions as: 'Can timber be conserved by use of an effective spray? Is it possible to have shoes that stay shined?' More and more questions arise everyday. Chemists, chemical engineers and physicists are employed in the chemical industry at starting salaries of from \$300-\$500 a month. Industry, hospitals, labs, and consulting firms are all calling for good engineers.

What are some of the specific jobs in these concerns? The Research Director is both a scientist and an Executive. He organizes the research and development and from this research he picks the discoveries which may lead to the development of a new drug or product. The Fundamental Research Scientist is a man interested in the 'why' of things. He usually holds a college degree with a backing of laboratory experience. He devises tests and works out new ways of doing things and making things. He is not interested in the time element. The Development Engineer is a graduate engineer with a training in technology and economics. He is interested in developing new products at less cost and so forth. A production engineer designs new machines and devices. Laboratory Assistant, Technical Salesman, Technical Writer, and so the endless list continues.

A good engineer is a very well-paid man and is in great demand. The future of this country, and, in fact, every other country, rests on the shoulders of the Engineers and Scientists. To quote Mr. Robert Patterson, "There is a great voice in the world to-day, the voice of science and technology. Never until to-day has it spoken with such authority. Never until to-day has it been listened to with such hope. And in no country in the world has it been as eloquent as in our own."

ALL-VARSITY FALL
DANCE
OCT. 15
HART HOUSE

SPORTOIKE

by Dave Shiels

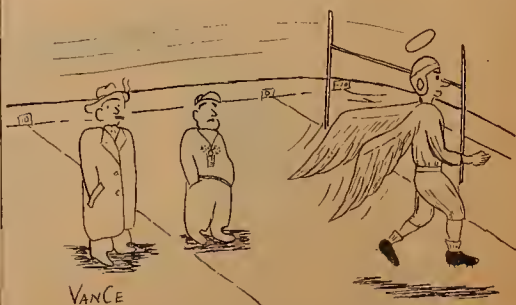
More than anyone else athletes on intercollegiate teams were responsible for S.P.S. winning the Reed Trophy again last year. And again this year Skule must have more intercollegiate competitors than any other faculty or we cannot win the Reed Trophy barring a miracle. Thus on a select few are we dependent. Last year there were many engineers on Varsity teams. In fact they dominated almost every sport save swimming and basketball. These two sports seem to be reserved for medsmen and artsmen respectively. Engineers starred in track, hockey and wrestling.

However, the most important sport at Varsity, if there be such a beast, is football as exemplified by the Varsity Blues, our pride and joy. It is only fitting that S.P.S. provide the nucleus of this team, having more men on it than any other faculty. This is a repetition of last year when S.P.S. was represented not only by players such as quarterback Ed Skrzypek but also by the most valuable player, Bill McFarlane. Bill, having graduated, is now playing for the Toronto Argonauts.

This Saturday afternoon, the Varsity football machine opens its intercollegiate season against the perennial champions from London town, the Western Mustangs. This year, as usual, Varsity has talent to spare, but in the past this has not been enough. Last year for instance Varsity looked strong in the early part of the season but lost out to Western in the deciding game. Varsity had the better team but just didn't come through. This year should be different! The backfield is stronger than ever and the line is as big as ever but less experienced due to the loss of several key men both to graduation and academic failures.

Of course, as usual, engineers make up the life and blood of the Blues. One such gent in particular by the name of Phil Muntz will make the opposing backs curl their toes in envy. Phil, running from the fullback slot, was Varsity's leading ground gainer last season. Bob Kimoff, of the 1952 team, and Don Cheeseman are engineers who are trying to take Phil's job away from him. On the line, Al Macklin and Bob Waugh are holding down first string jobs. Frank Palermo, a 2-season veteran, is there too but has been hampered by the injury jinx this season. Earl Ford of last year's interfaculty Champions is returning to the Varsity line.

This Saturday they will show their stuff against the Mustangs at Varsity Stadium. In games to date the Blues have looked particularly impressive. Two weeks ago they shellacked the ORFU champions from Balmy Beach. This Saturday is your first chance this season to see the team take Western, Varsity's arch-rival and last year's champions.



"Him? He's our new flying wing."

15. OCT. 1954

ENGINEERING SOCIETY FALL ELECTIONS

For the positions of—

- | | |
|---|----------------------|
| 1. Secretary of the Engineering Society | 4. President of 5T7 |
| 2. Vice-Pres. of the Athletic Association | 5. President of 5T8 |
| 3. Aeronautical Club Chairman | 6. Athletic Rep. 5T8 |

Nominations must be handed in to the Engineering Society Office between 9:00 a.m. Friday 8, October and Tuesday 12 October.

Don't wait for your friends to notice your ability! Get their support now. Nomination forms are available in the stores.